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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*
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2610
1 gatgtgggcacgcc
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Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               351203 segs, 113238999 residues
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US-08-724-394A-16
US-08-415-818-5
US-08-94-236-5
PCT-US96-01444-5
PCT-US96-01444-5
US-08-232-463-14
US-08-231-831-1
US-09-313-932-13-1
US-09-313-932-13-1
US-09-245-041-3
US-09-245-041-3
US-08-786-292-1
US-08-331-644-1
PCT-US93-04102-1
US-08-331-644-1
PCT-US93-04102-1
US-08-789-329C-9
US-08-789-329C-9
US-08-789-329C-1
US-08-799-329C-1
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3323.443 Million cell updates/sec
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           Sequence 16, Appli
Sequence 5, Appli
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Sequence 11, Appli
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Sequence 23, Appli
Sequence 3, Appli
Sequence 14, Appli
                                                                                                                                                                                                                                                                                                                                                                                              Description
 Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 16, Application US/08724394A
; Patent No. 5872237
; GENERAL INFORMATION:
; APPLICANT: Feder, John N.
; APPLICANT: Kronmal, Gregory S.
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US-08-724-394A-16
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	DCT-11591-141312-1	US-08-669-435-1	US-08-176-126B-1	US-08-393-985-15	US-09-488-671-10	US-08-772-440-33	US-08-428-762-1	US-08-854-029-1	US-08-379-685-1	US-08-428-415-1	US-08-417-330A-11	US-08-781-891-207	US-08-785-150-1	US-08-732-870-1	US-08-666-067-1	US-08-665-037-1	US-08-232-463-14	US-07-891-942G-11
trada (1 population	_	Sequence 1, Appli	Sequence 1, Appli	Sequence 15, Appl	Sequence 10, Appl	Sequence 33, Appl	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 11, Appl	Sequence 207, App	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 14, Appl	Sequence 11, Appl

## ALIGNMENTS

: OTHER INFORMATION: /note= "cDNA 32"
; NAME/KEY: misc_reature
; MOLECULE TYPE: CDNA
; TOPOLOGY: not relevant
ESS:
; TYPE: nucleic acid
1: 3502
CHARACTERIST
; INFORMATION FOR SEQ ID NO: 16:
; TELEFAX: 415-576-0300
; TELEPHONE: 415-576-0200
OI.
BER:
3
; NAME: Fitts, Renee A.
; ATTORNEY/AGENT INFORMATION:
; CLASSIFICATION: 536
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US/08/724,394A
LICATION DATA:
; SOFTWARE: PatentIn Release #1.0, Version #1.30
s
; COMPUTER: IBM PC compatible
; MEDIUM TYPE: Floppy disk
; COMPUTER READABLE FORM:
; ZIP: 94111-3834
; COUNTRY: USA
; STATE: CA
San Fi
o Embarcadero Center, 8th Floor
; ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
DENCE ADDRESS
F SEQUENCES: 31
OF INVENTION: Sequences and Antibodies There
NVENTION: Mega
: Wolff, Roger
: Tsuchiha
: Thomas, Wins
: Ruddy, David
APPLICANT: Lauer Peter M.
APPLICANT SECURIC SECUCIO S.

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908-594-3462

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US-08-415-818-5/c
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GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/383,746
FILING DATE: 03-FEB-1995
                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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 TELECOMMUNICATION
                                FILING DATE: 03-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Appollina, Mary A.
REGISTRATION NUMBER: 34,0
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Weinberg, David H.
TITLE OF INVENTION: NEUROPEPTIDE
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1621
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                                                                                                                                         FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                             APPLICATION NUMBER:
                  REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                        COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CTTCTGGACCCTGGAGATGTTTGGA--AACCAATACCGGGCCCTGTCCCCCTG--AGA 1389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TCAGGGAAACATTACTGGGAGG-----TGGAGGTGGAAAACGTGATGGTGTGGACTGTG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Strader, Catherine D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Shiao, Lin-Lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MacNeil,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Linemeyer, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Cascieri, Margaret A.
                                                                                                                                                                                                              PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                          Mary A. Appollina
O. Box 2000, 126 E. Lincoln Ave
                                                                                                                                                                                                                                                                  Floppy disk
INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Douglas J.
                                                                                                                                                                             US/08/415,818
                           34,087
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 76.4; DB 2;
Pred. No. 2.6e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Y RECEPTOR
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Patent No.
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STATE:
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US-08-894-236-5/c
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        FILING DATE: 03-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/415,81
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: APPOLITING, MATY A.
REGISTRATION NUMBER: 34,087
REFERENCE/DOCKET NUMBER: 1939
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 908-594-4720
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                       PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                              CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGE TYPE: DN
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                                                                                                                                                                                                                                                                                                                            STREET: F. C
                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    359 ctctctctctctctctctctcagccttgcagcccgtttccc 401
                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
                                                                                                                                                                   CLASSIFICATION: 435
                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY:
                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
TELEPHONE:
                                                                                                                                                                                                                                                                                                         COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5, Application US/08894236
5. 5939263
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DEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2280 base pairs
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Linemeyer, David L.
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                                                                                                                                                                                                                                                                                                                                                  Mary A. Appollina
O. Box 2000, 126 E.
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72.8%;
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                                                                                                                                       08/383,746
                                                                                                08/415,818
                                                                                                                                                                                              US/08/894,236
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INFORMATION FOR SEQ ID NO:

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SEQUENCE CHARACTERISTICS:

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; LOCATION:
US-08-894-236-5
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Best Local Similarity
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           TELEFAX: 908-594-4720 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                         SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC
                                                                                                    APPLICATION NUMBER: 08/41
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
                                                                                                                                             PRIOR APPLICATION DATA:
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION:
                                                                          NAME: Appollina, Mary A. REGISTRATION NUMBER: 34,
                                    TELEPHONE:
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Shiao, Lin-Lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Cascieri, Margaret A.
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O. Box 2000, 126 E. Lincoln Ave.
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72.8%;
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COUNTRY:
ZIP: 22113-0295
ZIP: 22213-0295
COMPUTER EADABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                       TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO:
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APPLICANT: SCHEIFLIN
APPLICANT: FALKNER,
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 30 TELECOMMUNICATION INFORMATION: (703)836-9300
STRANDEDNESS:
TOPOLOGY: line
IMMEDIATE SOURCE:
                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
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STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
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                                                                                                                                  ENGTH:
                                                                                          nucleic acid
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                                                                                                                                                                                                                                                          (703)683-4109
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72.8%;
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Pred. No. 1.2e-05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: FILTS, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 0179
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
                                                                                                                                                                                                            ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND and TOWNSEND and CREW
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1270
                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Megabase Transcript Map: No. 58
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Thomas, Winston
APPLICANT: Tsuchihashi, Ze
APPLICANT: Wolff, Roger K
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                                                                                                                                  APPLICATION NUMBER: US/08/724,394A FILING DATE: 01-OCT-1996 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                agccagcaagtgagcttctacaagatgtcagagtcaagccagagcaggtgtgagatgaag 1266
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                                                                                                                                                                                                                                                                                                                                                 San Francisco
: CA
                                                                                                                                                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Lauer, Peter M. Ruddy, David A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Thomas, Winston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kronmal, Gregory S.
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                                                           017957-000100
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RESULT 7
US-09-321-831-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/09321831 Patent No. 6262336
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                              TITLE OF INVENTION: Expression of a Heterolog TITLE OF INVENTION: Animals Using a Long Whey FILE REFERENCE: 030523/0150
CURRENT APPLICATION NUMBER: US/09/321,831
CURRENT FILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: US 09/184,163
PRIOR APPLICATION NUMBER: US 09/184,163
PRIOR FILING DATE: 1998-11-02
                   NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.0
                                                                           PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                      PRIOR FILING DALL.
PRIOR APPLICATION NUMBER: US UP 1092-09-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 2882 base pairs
                                                       PRIOR FILING DATE:
                                                                                                 PRIOR FILING DATE:
                                                                                                               PRIOR APPLICATION NUMBER:
                                                                                                                                   PRIOR FILING DATE:
                                                                                                                                                       PRIOR APPLICATION NUMBER:
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                                                                                                                                                                                          PRIOR APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1347 GAGCTTCGCTTCAGGGAAACATTACTGGGAGGTGG------AGGTGGAAAACGTGATTGA 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1551 gggcttctcctccgggcgccaccgctggcaggttgacctgcagctggggggacggcgg 1610
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1731 cccgggcaccgacctgtccgctgagcgagatccccgcgcgaggcgtgagagtcgccctggac 1790
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature LOCATION: 1..2882 OTHER INFORMATION: /no
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                                                                                                                                                                                                                                                                                                                                                                                                                                           LUBON, Henryk
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                                                                                                                                 MBER: PCT/US98/02638
1998-02-13
                                                                                                                                                                          1991-01-11
                                                       1994-02-18
                                                                                             1995-05-17
                                                                                                                                                                                                                                                                                                                                                                 Expression of a Heterologous Protein C in Mammary
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                                                                                                                                                                                              US 07/638,995
                                                                             us 08/198,068
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Pred. No. 3.1e
0; Mismatches
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3.1e-05;
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US-09-166-186-107; Sequence 107, Application US/09166186A; Patent No. 6080580
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Best Local Similarity 77.3
Matches 68; Conservative
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LENGTH: 7208
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APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/166,186A CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 250
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LOCATION: (544)..(544)
OTHER_INFORMATION: "n" is unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Mus musculus
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LOCATION: (3377)..(544)
OTHER INFORMATION: "n" is unknown
                                                                                NAME/KEY: exon
LOCATION: (5799)..(>6972
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: exon
LOCATION: (4371)..(4712)
                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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LOCATION: (4527..4712,5225..5279,5457..5504,5799..6217)
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                                     AUTHORS:
                                                                                                                                                    NAME/KEY: intron
LOCATION: (5505)..(5798)
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LOCATION: (5225)..(5279)
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Kawashima, E.
Jongeneel, C.V.
Shakhov, A.N.
Nedospasov, S.A.
                                                  Semon, D.
Kawashima,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ISPH-0322
                                                                                                      . (>6972)
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US-09-313-932-107
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 107
LENGTH: 7208
TYPE: DNA
ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JOURNAL: Nucleic
VOLUME: 15 ·
ISSUE: 21
PAGES: 9083-9084
PATE: 1987-11-11
                           NAME/KEY: exon
LOCATION: (5799)...(>6972)
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Baker, Brenda
                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: COCATION:
AUTHORS: Semon, D. AUTHORS: Kawashima,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE: Nucleotide sequence of the murine TNF locus, including the TITLE: TNF-alpha (tumor necrosis factor) and TNF-beta (lymphotoxin)genes JOURNAL: Nucleic Acids Res.
                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                             NAME/KEY: intron
LOCATION: (5505)..(5798)
                                                                                                                                FEATURE
                                                                                                                                                                                                                                                                                                                   NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                     FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1412
                                                                                 FEATURE
                                                                                                                                               NAME/KEY: exon
LOCATION: (5457)..(5504)
                                                                                                                                                                                                                                    FEATURE
                                                                                                                                                                                                                                                  JOCATION:
                                                                                                                                                                                                                                                                                      FEATURE
                                                                                                                                                                                                                                                                                                  LOCATION:
                                                                                                                                                                                                                                                                                                                                     FEATURE
                                                                                                                                                                                     PEATURE
                                                                                                                                                                                                 OCATION:
                                                                                                                                                                                                                                                                     VAME/KEY:
                                                                                                                                                                                                                                                                                                                                                   OCATION:
                                                                                                                                                                AME/KEY:
                                                                                                                                                                                                                      IAME/KEY:
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                                                                                                                                                                                                                                                  exon
(5225)..(5279)
                                                                                                                                                                                                                                                                                                                                                 exon
(4371)..(4712)
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(4527..4712,5225..5279,5457..5504,5799..6217)
                                                                                                                                                                                                                                                                                                intron
(4713)..(5224)
                                                                                                                                                                                                                      intron
                                                                                                                                                                                                   (5280)..(5456)
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67.2%;
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AUTHORS: Jongeneel, C.V. AUTHORS: Shakhov, A.N.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                          TELEFAX: (608) 257-2275 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          VOLUME: 15.
ISSUE: 21
ISSUE: 21
PAGES: 9083-9084
DATE: 1987-11-11
DATABASE ACCESSION NUMBER: Y00467 Genbank
DATABASE ENTRY DATE: 1993-05-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE: genes
JOURNAL: Nucleic Acids Res
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE: Nucleotide sequence of the murine TNF locus, including the TITLE: TNF-alpha (tumor necrosis factor) and TNF-beta (lymphotoxin)
                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/018,584A
FILING DATE: 04-Feb-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AUTHORS: Nedospasov, S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 POSITION IN GENOME
                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                IMMEDIATE SOURCE:
                                                                  WOLECULE TYPE: Genomic DNA HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                  TYPE: Nucleic Acid
STRANDEDNESS: Double
TOPOLOGY: Circular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A. ZIP: 53711-5399
                                LIBRARY:
                                                                                                                                                                                                                         TELEPHONE:
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                                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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Y: U.S.A.
              : plasmid,
G132
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2800 Woods
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Bacher, Jeffery W.
WENTION: MATERIALS AND METHODS FOR AVENTION: IDENTIFYING AND ANALYZING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                             E: Diskette - 3.5 inch, 1.44
IBM compatible PC
                                                                                                                                                                                                                         (608) 257-3501
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Hollow Road
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RESULT 12
US-08-750-703-4
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US-09-245-041-3/c
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US-09-018-584A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE, SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT TITLE OF INVENTION: OF BODY WEIGHT DISORDERS INCLUDING OBESITY FILE REFERENCE: 785-136 CURRENT APPLICATION NUMBER: US/09/245,041 CURRENT FILING DATE: 1999-07-05 EARLIER APPLICATION NUMBER: 60/093,630 EARLIER FILING DATE: 1998-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.6
                                                                                                                                                                                                                            Sequence 4, Application US/08750703 Patent No. 5891633
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: 60/104,978 EARLIER FILING DATE: 1998-10-20 NUMBER OF SEQ ID NOS: 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Moore, K. APPLICANT: Nagle, D.
                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                               APPLICANT: GONZALEZ, Frank J.;
TITLE OF INVENTION: DEFECTS IN
TITLE OF INVENTION: METABOLISM
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan & Finnegan
STREET: 345 Park Ave.
                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                     371 ctctgtctctcagccttgcagcccgtttcccctccctgcgcttcagtgtgagt 423
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                                    COUNTRY: USA
ZIP: 10154-0053
                                                                                CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
les 76; Conser
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ilarity 67.3%;
Conservative
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75.6%;
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No. 0.00045;
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Pred. No. 3.8e-05;
                                                                                                                                                                                Idle,
DRUG
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CURRENT APPLICATION DATA:

WordPerfect 5.1

PC-DOS/MS-DOS

OPERATING SYSTEM:

APPLICATION NUMBER:

us/08/750,703

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; OTHER INFORMATION:
US-08-750-703-4
                                                                                                                                                                                                                                                                                                                                                                                        RESULT 13
US-07-882-292-1
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Best Local Similarity
Matches 64; Conserv
                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/07882292 Patent No. 5324638
                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (212) 758-4800
TELEPAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 8779 base pairs
                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 20 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     2062 CTCTCGTGTTTCTCTGACTGAG 2083
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/I
FILING DATE: 16-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                             APPLICANT: Tao, Wufan
APPLICANT: Lai, Eseng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: genomic DNA
                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            389 cagcccgtttcccctccctgcg 410
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                                                                                                                                                                            CITY: New York
STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                             APPLICATION NUMBER: FILING DATE: 19920
              CLASSIFICATION:
                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
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                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                10112
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                                                                                                                                                                                                          Plaza
                                                                                                                                                                                                                      c/o Cooper
                                                                                                                                                              USA
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                            19920513
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78.0%;
                                                                                                                                                                                                                                                                                 BRAIN TRANSCRIPTION FACTOR, NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
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                                                                                                                                                                                                                                       White
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                                           US/07/882,292
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Pred: No. 0.00046;
0; Mismatches 18;
                                                                                                                                                                                                                         30 Rockefeller
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; OTHER INFORMATION: /note-
US-07-882-292-1
                                                                                                                                                                                                                                                                                                                                                                              US-08-331-644-1
                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/08331644 Patent No. 5976872
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                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Tao, W
APPLICANT: Lai, E
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TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 212-977-9550
                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: C
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                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      344 tttctctctctctctctctctctctctctctctctcagccttgcagcccgtttcc 400
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LOCATION:
                                                                                                                                                                                             CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_signal LOCATION: 1883..1885
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                                                                                                                                                                             COUNTRY:
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                                                       FILING DATE:
                                                                  APPLICATION NUMBER:
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             APPLICATION NUMBER:
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77; Conserv
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13-MAY-1992
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              US 07/882,292
                                                                                                                                                                                                                        Dunham
of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /note= "nucleotide sequence
                                                                    US/08/331,644
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Pred. No. 0.0003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "translation termination codon"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        domain homology"
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RESULT 15
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Best Local Similarity 65.8
Matches 77; Conservative
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 1:
                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                  APPLICANT: Tao, Wufan APPLICANT: Lai, Eseng
                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: BRAIN TITLE OF INVENTION: ACIDS
                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature LOCATION: 926.1255
OTHER INFORMATION: /note OTHER INFORMATION: homol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 2830 base pairs
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                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1
CLASSIFICATION:
                                                                                                                                                                                      STREET: C/O Cooper and Dunham, 30 Rockefeller Plaza
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME_KEY: misc_signal LOCATION: 1883..1885
OTHER INFORMATION: /note= "translation termination OTHER INFORMATION: codon"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: CDS
LOCATION: 443..1882
OTHER INFORMATION:
                                              APPLICATION NUMBER:
                                                                                                                                                                       COUNTRY:
                                                                                                                                                            ZIP: 10112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: White, John P. REGISTRATION NUMBER:
                                                                                                                                                                                                                                      ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                Application PC/TUS9304102
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                             19930430
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encoding DNA binding domain
homology"
                                              PCT/US93/04102
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Pred. No. 0.0003;
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Search completed: March 18, 2002, 21:18:44 Job time: 3876 sec

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Best Local S
Matches 77
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: IIIIea
MOLECULE TYPE: CD
                                                                                                                                                                                                                                                                                                                      LOCATION: 443..18
OTHER INFORMATION:
FEATURE:
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LENGTH: 2830 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 212-977-9550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
               344 tttctctctctctctctctctctctctctctctctcagccttgcagcccgtttcc 400
                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: N
205 TCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTAATTCTTGAGGGGTGGTTGC 261
                                                                                 y Match 2.0%;
Local Similarity 65.8%;
hes 77; Conservative
                                                                                                                                                                                                    NAME/KEY: misc_signal LOCATION: 1883..1885 OTHER INFORMATION: /no
                                                                                                                                                                                                                                                             NAME/KEY: misc_feature LOCATION: 926..1255
OTHER INFORMATION: /not OTHER INFORMATION: bind
                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: CDS
LOCATION: 443..1882
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 0 FILING DATE: 13-MAY-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                : 2830 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                             CDNA
                                                                                                                                                                                                                                                             /note= "nucleotide sequence encoding DNA
binding domain homology"
                                                                                                                                                                                                       /note= "translation termination codon"
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                                                                                                                            Score 53;
Pred. No.
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                                                                                                                 Mismatches
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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  Issued_Patents_NA: *
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/backfiles1.seq:*
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  5596
80246
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          US-08-916-5768-1
US-09-212-298-35
US-09-221-298-35
US-09-040-984-78
US-08-916-5768-10
US-08-916-5768-11
US-08-916-5768-11
US-08-916-5768-13
US-08-916-5768-13
US-08-916-5768-14
US-08-916-5768-15
US-08-916-5768-30
US-08-916-5768-30
US-08-916-5768-31
US-08-916-5768-31
US-08-916-5768-31
US-08-916-5768-31
US-09-265-315-19
US-09-078-294-4
US-09-078-294-3
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410.019 Million cell updates/sec
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35, Appl
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APPLICANT:
            FEATURE:
NAME/KEY:
                                                                         TOPOLOGY: 1
MOLECULE TYPE:
                                                              FEATURE:
 LOCATION:
                                     LOCATION:
                                                 NAME/KEY:
                                                                                                                                                                                                                                                                                                   FILING DATE:
mat_peptide
131..595
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	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.4	28.4	28.4	28.4
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US-08-461-384B-3	US-08-461-384B-1	US-08-463-179A-3	US-08-463-179A-1	US-08-460-907B-3	US-08-460-907B-1	US-08-462-109A-3	US-08-462-109A-1	US-08-463-092B-3	US-08-463-092B-1	US-08-141-893-1	US-08-102-385G-7	US-08-446-875-7	US-08-687-080-78	US-08-942-046-7	US-09-135-166-7	US-08-433-522A-7	US-08-545-745-1
Sequence 3, Appli	`	Sequence 3, Appli	Sequence 1, Appli		Sequence 1, Appli	Sequence 3, Appli	Sequence 1, Appli	Sequence 3, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 7, Appli	Sequence 7, Appli	Sequence 78, Appl	Sequence 7, Appli	Sequence 7, Appli	Sequence 7, Appli	Sequence 1, Appli

ALIGNMENTS

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TELEFAX: (202) 3/1 2/1.

INFORMATION FOR SEQ ID NO: 1

SEQUENCE CHARACTERISTICS:
LENGTH: 875 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/08916576B Patent No. 6171816
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: YU, GUO-LIANG
APPLICANT: DILLON, PATRICK J.
APPLICANT: BBNER, REINHARD
                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/024,347
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.05000
TELECOMMUNICATION INFORMATION:
TELEFONE: (202) 371-2540
TELEFAX: (202) 371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 20005-3934

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C. STREET: 1100 NEW YORK AVENUE, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                           TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: WASHINGTON
STATE: DC
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
CDS
71..595
                                                                                         linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US/08/916,576B
                                                                                                                                                                                                                                                                                           1488.0500001
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; FEATURE:
; NAME/KEY:
; LOCATION:
US-08-916-576B-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local
   INFORMATION FOR
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 35:
                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                               APPLICANT: YU, GUU-LATRICK J.
APPLICANT: DILLON, PATRICK J.
APPLICANT: EBBER, REINHARD
APPLICANT: ENDRESS, GREGORY A
APPLICANT: NOVEL HUM
                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                  APPLICATION NUMBER: US 60/024,347 FILING DATE: 23-AUG-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                        PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
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                                                                                                                                     CLASSIFICATION:
                                                                                                                                                  FILING DATE:
                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                   ZIP:
                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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1100 NEW YORK AVENUE,
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99.7%;
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DRK AVENUE, SUITE 600
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                                                          36,688
                                                 1488.0500001
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Pred. No. 3e-95;
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; ORGANISM: Human US-09-221-298-32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THERAPY AND DIAGNOSIS TITLE OF INVENTION: OF COLON CANCER
FILE FIERENCE: 21014.471
GUEDENIE APPETEUR AUTHORS IN COLON 221 200
                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 275; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/221,298
CURRENT FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 112
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6284241
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 32, Application US/09221298 Patent No. 6284241
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Best Local Similarity
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LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 401
TYPE: DNA
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                   caggattatgtttgttgacccatctctgacagttagag-ccgatatcactggaagatatt
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caggattatgtttgttgacccatctctgacagttagagcccgatatcactggaagatatt
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99.68;
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98.9%;
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Pred. No. 2e-80;
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                                                                                                                                                                                                                                                                                                                                                                        Length 401;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: MAKI, DAVID J.
REGISTRATION UNMBER: 31,392
REFERENCE/DOCKET NUMBER: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Reed, Steven G.
APPLICANT: Wang, TongTong
TITLE OF INVENTION: COMPOUND
TITLE OF INVENTION: OF LUNG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                        TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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                                                   caaancgtctctatgcttacgaacctgcagatacagct
            aaancgtctctatgcttacgaacctgcagatacagctctgttgcttgacaacatgaagaa 300
                                                                                                                      cctcaatctggtttatgaaacaactgacaaacacctttctcctgatggccagtatgtccc 180
                                                                                                                                                                 TTTAAAGAAAGTGTTTGCTGAAAATAAAGAAATCCAGAAATTGGCAGAGCAGTTTGTCCT
                                                                                                                                                                                                                      GACAAGCAACAAACCCTTGATGATTATTCATCACTTGGATGAGTGCCCACACAGTCNAGC
NAACCGTCTCTATGCTTAC-AAACTGCAGATAC-GCTCTGTTGCTTGACA--CATGAAAA
                                                                                                           CCTCAATCTGGTTTATGAAACAACTGACAAACACCTTTCTCCTGATGGCCAGTATGT-CC
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o. 6210883
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                                                                                                                                                                                                                                                                                                                                                                                                    793 base
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93.4%;
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Pred. No. 4.2e-71;
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                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                Matches 229;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (202) 371-2540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: 1i
MOLECULE TYPE:
8-916-576B-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60
FILING DATE: 23-AUG-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS NUMBER OF SEQUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
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                 180 ccaggattatgtttgttgacccatctct-gacagttagagccgatatcactggaag
                                                               136
196 CCAGGGTTATGTTTGTTGACCCATNTCTGGACAGTTAGAGCCGATATCACTGGGAG
                                                                            121 cctcaatctggtttatgaaacaact-gacaaacacctttctcctgatggccagtatgtcc
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REGISTRATION NUMBER:
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                                                                                                                                               61 tttaaagaaagtgtttgctgaaaataaagaaatccagaaattggcagagcagtttgtcct 120
                                                                                                                                                                                               16 GACAAGCAACAAACCCTTGATGATTATTCATCANTTGGATGAGTGCCCACACAGTCAAGC
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                                                               CCTCAATCTGGTTTATGAAACAACTGGACAAACACCTTTCTCCTGATGGCCAGTATGTNC
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6171816
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EDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                             506 base pairs
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DILLON, PATRICK J.
EBNER, REINHARD
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                                                                                                                                                                                                                                                                             63.9%;
97.0%;
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Pred. No. 7.7e-58;
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                                                                                                                                                                                                                                                                               Query Match
Best Local
                                                                                                                                                                                                                                                              Matches
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INFORMATION FOR SEQ ID NO:
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APPLICATION NUMBER: US 6(
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C. STREET: 1100 NEW YORK AVENUE, SUITE 600
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LENGTH: 732 base pairs
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CURRENT APPLICATION DATA:
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APPLICANT: DILLON, PATRICK J.
APPLICANT: EBNER, REINHARD
APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
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     179 cccaggattatgtttgttgacccatctctgacagttagagccgatatcactggaagatat 238
                                                                   119 ctcctcaatctggtttatgaaacaactgacaaacacctttctcctgatggccagtatgtc 178
                                                                                                                277 CTAAAGAAAGTATTTGCCCCAAAATGAAGAAATACAAGAAATGGCTCAGAATAAGTTCATC 336
                                                                                                                                                                                       217 AAAAGTAAGAAGCCATTAATGGTTATTCATCACCTGGAGGATTGTCAATACTCTCAAGCA 276
                                                                                                                                   62 ttaaagaaagtgtttgctgaaaataaagaaatccagaaattggcagag---cagtttgtc 118
                                                                                                                                                                                                                                                              Local Similarity
nes 226; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY:
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                                           ATGCTAAACCTTATGCATGAAACCACTGATAAGAATTTATCACCTGATGGGCAATATGTG 396
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(202) 37
                                                                                                                                                                                                                                                              Conservative
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70.0%;
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Pred. No. 6.1e-42;
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Best Local Similarity 70.0
Matches 168; Conservative
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APPLICANT: YU, GU
APPLICANT: DILLON
                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (202) 371-254 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,68
REFERENCE/DOCKET NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
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                   116
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                                                309 TTTTTAAAGAAAGTGTTTNGCTGGAAATTAANGAANTCCGGNAATTGGGNNGAGCAGTTT 368
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TYPE: n
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TOPOLOGY: li
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
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                                                                                                             gtcctcctcaa--tctggtttatgaaacaactgacaaacacctttctccctgatggccagt 173
                                                               gctttaaagaaagtgtttg--ctgaaaataaagaaatccagaaaatt-ggcagagcagttt 115
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                                                                                                                                                                                                                                                                                                                               489 base pairs
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                                                                                                                                                                           Score 93.4; DB 4;
Pred. No. 3e-21;
0; Mismatches 63;
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                                                                                                                                                                              63;
                                                                                                                                                                                                          Length 489;
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RESULT 9
US-08-916-576B-12
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Best Local Similarity
Matches 112; Conserv
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 329 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 6(
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA
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                                                                                                                                                                                                  NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: STEFFE, ERIC | REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                    ttgctgaagact 322
                                                                                                                                    TATGCTTACG-ACCTGCAGATACAG----TCTGTTNTTNCACATGAAGAAAG-TCTCAAG
                                                                                                                                                    tatgcttacgaacctgcagatacagctctgttgcttgacaacatgaagaaagctctcaag 310
                                                                   TTGCTGAAGACT 126
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EBNER, REINHARD
                                                                                                                                                                                                                                                                        Conservative
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84.8%;
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Pred. No. 4e-10;
0; Mismatches
                                                                                                                                                                                                                                                                                                      DB 4; Length 329;
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Best Local Similarity
Matches 112; Conserv
                                                                                                          Sequence 13, Application US/08916576B Patent No. 6171816
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                                                                                          GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 61
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                          APPLICANT:
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TELECOMMUNICATION INFORMATION:
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CORRESPONDENCE ADDRESS:
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             APPLICANT: ENDRESS, TITLE OF INVENTION:
                                           APPLICANT:
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                        115 TTGCTGAAGACT 126
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DILLON, PATRICK
EBNER, REINHARD
                                         YU, GUO-LIANG
DILLON, PATRICK J.
EBNER, REINHARD
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VENTION: NOVEL HUMAN GROWTH FACTORS
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             NOVEL HUMAN GROWTH FACTORS
                              GREGORY A
                                                                                                                                                                                                                                                                                                                                                                                                                 18.3%;
84.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                  Score 59; DB 4;
Pred. No. 4e-10;
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E, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
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INFORMATION FOR SEO ID NO: 13
SEQUENCE CHARACTERISTICS:
LENGTH: 329 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 18.3%;
Best Local Similarity 84.8%;
Matches 112; Conservative
                                                                                                                                                                                                                                                                                               Sequence 14, Application US/08916576B Patent No. 6171816
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ZIP: ZOOG TO THE COMPUTER READABLE FORM:
NEWTIM TYPE: Floppy disk
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REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                      TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                         APPLICANT: YU, GUO-LIANG
APPLICANT: DILLON, PATRICK J.
APPLICANT: EBNER, REINHARD
APPLICANT: ENDRESS, GREGORY A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 23-AUG-1996 ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US 60/024,347
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                                                                            ADDRESSEE: STERNE, KESSLER, CUITE 600 STREET: 1100 NEW YORK AVENUE, SUITE 600 CITY: WASHINGTON
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CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61
                                                        COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                          TTGCTGAAGACT 126
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VENTION: NOVEL HUMAN GROWTH FACTORS
                                                                                                                                  KESSLER, GOLDSTEIN & FOX, P.L.L.C
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Pred. No. 4e-10;
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Best Local Similarity
Matches 112; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 15,
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INFORMATION FOR SEQ ID NO:
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APPLICANT: DILLON, PATRICK
APPLICANT: EBNER, REINHARD
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APPLICATION NUMBER: US 60/024,347
FILING DATE: 23-AUG-1996
PRIOR APPLICATION DATA: APPLICATION NUMBER: 1
                                                                     CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: EBNER, REINHARD APPLICANT: ENDRESS, GREGORY A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: 1 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 329 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         191 tttgttgacccatctctgacagttagagccgatatcactggaagatattcaaancgtctc 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     115 TTGCTGAAGACT 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       311 ttgctgaagact 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           251 tatgcttacgaacctgcagatacagctctgttgcttgacaacatgaagaaagctctcaag 310
                                  FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 36 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                ZIP: 20005-3934
                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                  CITY: WASHINGTON
                                                                                                                                                                                                                                                                  ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C. STREET: 1100 NEW YORK AVENUE, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61 TATGCTTACG-ACCTGCAGATACAG----TCTGTTNTTNCACATGAAGAAAG-TCTCAAG 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                             6171816 US/08916576B
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                                                                                                         PatentIn Release #1.0, Version #1.30
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SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                       GUO-LIANG
LON, PATRICK J.
                                      536
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                                                                                                                                                                                                                                                                                                                       NOVEL HUMAN GROWTH FACTORS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              18.3%;
84.8%;
 US 60/024,347
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                                                                     US/08/916,576B
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Pred. No. 4e-10;
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INFORMATION FOR SEQ ID NO:
INFORMATION FOR SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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LENGTH: 330 base pairs
TYPE: nucleic acid
                             TELEPHONE: (202) 371-2600
                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/024,347
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: ENDRESS, GREGORY A.
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 371-2600
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ATTORNEY/AGENT INFORMATION:
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                                                                REFERENCE/DOCKET NUMBER:
                                                                              NAME: STEFFE, ERIC K. REGISTRATION NUMBER:
                                                                                                                                                                                  CLASSIFICATION: 536
                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
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                                                                                                                                                                                                                APPLICATION NUMBER: US/08/916,576B
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                                                                                                                                                                                                                                                                                                                                                                                     WASHINGTON
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EBNER, REINHARD
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               (202)
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                                                                              36,688
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                                                                                                                                                                                                                                                                                                                                                                      RESULT
                                                                                                                                                                                                                                                                                                                        Sequence 40, Patent No. 6
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Best Local Similarity
                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IF Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
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LENGTH: 1423 base pairs
                                                                                                                                                                                               TITLE OF INVENTION: NO NUMBER OF SEQUENCES: 4 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                          APPLICANT: YU, GUO-LIANG
APPLICANT: DILLON, PATRICK J.
APPLICANT: EBNER, REINHARD
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                                                                                                          COUNTRY:
ZIP: 20
                                                                                                                                                   STREET: 1100 NEW CITY: WASHINGTON
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STRANDEDNESS: doub
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                                                                                                                                     STATE:
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APPLICATION NUMBER:
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                                                                                                        20005-3934
                                                                                                                                                                                                                                                                                                                           0, Application US/08916576B
6171816
                                                                                                                                                                    1: STERNE, KESSLER, G
                                                                                                                                                                                                                             ENDRESS, GREGORY A.

VENTION: NOVEL HUMAN GROWTH FACTORS
                                                                                                                       SD
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88..603
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157..603
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88..156
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US/08/916,576E
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Pred. No. 1.6e-05;
                                                                                                                                                                    GOLDSTEIN & FOX, P.L.L.C. E, SUITE 600
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CLASSIFICATION: 536 PRIOR APPLICATION DATA:

APPLICATION NUMBER:

US 60/024,347

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Best Local Similarity 66.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/024,347
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                      ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
TELECOMMUNICATION INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: YU, GUO-LIANG
APPLICANT: DILLON, PATRICK J.
APPLICANT: EBNER, REINHARD
APPLICANT: ENDRESS, GREGORY A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
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ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          191 AAAACATGAAGAAAGCATTAAGACTTATTCAGTC 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             288 acaacatgaagaaagctctcaagttgctgaagac 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              308 GGCAATATGTCCCTAGAATCATGTTTGTAGACCC-TCTTTAACAGTTAGAGCTGACATAG 250
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               REFERENCE/DOCKET NUMBER:
                                  REGISTRATION NUMBER:
                                                                                                                                                CLASSIFICATION: 536
                                                                                                                                                                APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                               STREET: 1100 NEW CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C. STREET: 1100 NEW YORK AVENUE, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                  STEFFE, ERIC K.
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Pred. No. 6.3e-05;
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; TOPOLOGY: linear; MOLECULE TYPE: cDNA US-08-916-576B-36
                                                                                                                                                 TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 36:
                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 373 base pairs
TYPE: nucleic acid
                                                             STRANDEDNESS: single
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B γ Matches Query Match Best Local Similarity 54; Conservative 12.8%; 91.5%; Score 41.2; DB 4; Pred. No. 0.00026; Mismatches 4; ۲. Gaps

Job time: 2817 sec Search completed: March 18, 2002, 21:01:05

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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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1: /cgn2_6/ptodata/2
2: /cgn2_6/ptodata/2
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4: /cgn2_6/ptodata/2
5: /cgn2_6/ptodata/2
6: /cgn2_6/ptodata/2
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Copyright (c) 1993 - 2000 Compugen Ltd
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/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
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US-08-078-090-3
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US-08-078-155-16
US-09-128-155-16
US-09-128-155-16
US-09-078-294-4
US-09-078-294-3
US-09-078-294-3
US-09-360-197-7
US-09-360-197-7
US-09-360-197-7
US-09-365-98-274
US-09-385-982-25
US-09-385-982-25
US-09-385-982-27
US-08-756-506-23
US-08-756-506-23
US-08-756-506-5
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5817.935 Million cell updates/sec
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Sequence 11, Appli
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8 Appli
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ALIGNMENTS	US-09-461-697-1 US-09-245-041-5	US-09-245-041-5	US-09-009-913-1	US-08-884-324-14	US-08-884-324-7	US-08-991-789A-64	US-09-422-869-1	US-09-050-159-131	US-08-406-030A-23	PCT-US95-05980-33	US-08-611-757-33	US-09-128-155-17	US-09-385-982-420	US-09-128-155-16	US-09-100-391-1	US-09-385-982-33
	Sequence 1, Appli Sequence 5, Appli	S IN IN	1, 1	Sequence 14, Appl	Sequence 7, Appli	Sequence 64, Appl	Sequence 1, Appli	Sequence 131, App	Sequence 23, Appl	Sequence 33, Appl	Sequence 33, Appl	Sequence 17, Appl	420,	Sequence 16, Appl	Sequence 1, Appli	Sequence 33, Appl

## ; TYPE: nucleic ; STRANDEDNESS: ; TOPOLOGY: line ; MOLECULE TYPE: I US-08-742-185-102 PILING DATE: 31-JUL-1996 PRIOR APPLICATION DATA: APPLICATION DATA: COMMERCE US 08/310,429 FILING DATE: 22-SEP-1994 ATTORNEY/AGENT INFORMATION: NAME: Granahan, Patricia REGISTRATION NUMBER: 32,227 REFERENCE/DOCKET NUMBER: WHI94-07A2 TELECOMMUNICATION INFORMATION: TELEPAN: (617) 861-6240 TELEPAN: (617) 861-9540 TELEPAN: (617) 861-9540 GENERAL INFORMATION: INFORMATION FOR SEQ ID NO: COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA: SEQUENCE CHARACTERISTICS: LENGTH: 40328 base pairs TYPE: nucleic acid PRIOR APPLICATION DATA: APPLICATION NUMBER: 1 FILING DATE: 31-JUL-APPLICANT: Page, David C. APPLICANT: Reijo, Renee APPLICANT: Saxena, Richa APPLICANT: Hawkins, Trevor APPLICANT: Hawkins, Trevor APPLICANT: Reeve, Mary Pat TITLE OF INVENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA NUMBER OF SEQUENCES: 102 CORRESPONDENCE ADDRESS: CITY: Lexington STATE: Massachus COUNTRY: US ZIP: 02173 APPLICATION NUMBER: US/08/742,185 FILING DATE: 30-OCT-1996 CLASSIFICATION: 435 ADDRESSEE: Massachusetts Two Militia Drive Hamilton, Brook, DNA (genomic) Release #1.0, Version #1.30 US 08/690,734 102: WHI94-07A2 Smith & Reynolds,

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                  acagagagccaaatcatgaatgaactcccattcacaattgcttcaaaagagaataaaatac
                                         tttatgaggccaacatcatcctgataccaaagccgggcagagacacaaccaaaaaagag
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         ACAGAGCCCCATTCATGAGTGAACTCCCCATTCACAATTGCTTCAAAGGGAATAAAATGC
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90.5%;
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0; Mismatches
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. No. 2.6e-276;
ismatches 58;
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TYPE: DNA
ORGANISM: HOMO
S-09-318-448-11
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NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 11
SEQ ID NO 11
                                                                                                                                                                                                                                                                                                                                                                    Query Match 21.0
Best Local Similarity 90.9
Matches 1074; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 11, Application Patent No. 6210950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Johnson, William G.
APPLICANT: Stenroos, Edward S.
TITLE OF INVENTION: METHODS FOR DIAGNOSING,
TITLE OF INVENTION: DEVELOPMENTAL DISORDERS
FILE REFERENCE: 601-1-057
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90.9%;
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Pred. No. 9.7e-273;
0; Mismatches 51;
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         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/469,667
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                           ADDRESSEE: Carella, Byrne, Bai
ADDRESSEE: Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: NJ
COUNTRY: USA
ZIP: 07068-1739
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                                                                                                                                                                                                                                                              APPLICANT: Yu, Guo-Liang
APPLICANT: Rosen, Craig
TITLE OF INVENTION: Colon Specific
NUMBER OF SEQUENCES: 24
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ATTORNEY/AGENT INFORMATION
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Best Local Similarity
Matches 775; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 32:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
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LENGTH: 878 base pairs
TYPE: nucleic acid
STRANDEDNESS: Single
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LOCATION:
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ttcacattttaaaaattatgtggaagtggataggagaactgcagctgtcaatagcctag
                                    tggcacagatctttcattgctattcaggctgttgataaggtcgatctgaaatcagaaat
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99.5%;
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Pred. No. 6.2e-216;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 201-75.

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
FINGTH: 878 base pairs
                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 775; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 8, Application GENERAL INFORMATION:
                                              4032 atttgtggcttctgatgtcccaaatgctcccatacctgatctctttcccacctggccaaat
                                                                                                                                                                                                                                  3852 ggctctgggaggagttaacgcagccagacggagagtgataccccagcagagtggagcact 3911
                                                                                                                                                                                                                                                                                          3792 tytctactcaaggtatttcacaacttatgacacgaatggtagatacagtgtaaaagtgcg 3851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US95/07289 FILING DATE: 06-JUN-1995 CLASSIFICATION:
4092 caccgacctgaaggcggaaattcacgggggcagtctcattaatctgacttggacagctcc
                                                                                                                           3972
                                                                                                                                                                     3912 gtacatacctggctggattgagaatgatgaaatacaatggaatccaccaagacctgaaat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: FELTAIO, GLEGOTY D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
COPPRATING SYSTEM: PC-DOS/MS-DOS
COPPRATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Yu, Guo-Liang
APPLICANT: Rosen, Craig
TITLE OF INVENTION: Colon Specific
NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                               181
                                                                                                                                                       121 GTACATACCTGGCTGGATTGAGAATGATGAAATACAATGGAATCCACCAAGACCTGAAAT 180
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CITY: F
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ZIP: 07068-1739
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                                                                                                             taataaggatgatgttcaacacaagcaagtgtgtttcagcagaacatcctcgggaggctc 403:
                                ATTTGTGGCTTCTGATGTCCCAAATGCTCCCATACCTGATCTCTTCCCACCTGGCCAAAT
                                                                                             TAATAAGGATGATGTTCAACACAAGCAAGTGTTTCAGCAGAACATCCTCGGGAGGCTC
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Stewart & Olstein
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APPLICANT:
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                                NAME:
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Sequence 3, Appr...
                                                     APPLICATION NUMBER: WO PILING DATE: 19-AUG-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                       FILING DATE: 19-AUG-
PRIOR APPLICATION DATA:
                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
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                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 199306: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: WASHINGTON STATE: D.C.
                   REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                      COOPER,
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VENTION: HUMAN BETA-CASEIN PROCESS
VENTION: IT AND USE THEREOF
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TOERNELL, JAN
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HJALMARSSON, KARIN
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                                                                                                                                                                                                                                                                                         PatentIn Release #1.0, Version
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                                                                                                                                            19-AUG-1992
                                                                                                                                                                                                                             19930618
                                  IVER P.
NUMBER:
                                                                                                    WO PCT/DK91/00233
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BERGSTROM2
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Best Local S
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TELEX: 248633
INFORMATION FOR SEQ ID NO: 3:
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LENGTH: 10607 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (202)628-5197
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LOCATION:
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           ggaagaatcaatatcgtgaaaattggccatactgcccaagattat 1127
                                                                                                                   CTAGAAAACCCCATCGTCTCAGCCCAAAGTCTCCTTAAGCTGATAAGCAACTTCAGCAAA
                                                                                                                                                                                                                                                                                                                                                            GGAAGAATCAATATCATGAAAATGGCCATACTGCCCAAGGTAAT 3632
                                      CTGCTCAATGAAATAAAAGAGGATACAAACAAATGGAAGAACATTCCATGCTCATGGGTA
                                                                                                                                                                              gtctcaggatacaaaatcaatgtacaaaaatcacaagcattcctatacaccaataacaga
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                                                                                                                                                                                                                                                                               TTCAACATAGTGTTGGAAGTTCTGGCCAGGGCAATTAGGCAGGAGAAGGAAATAAAGGTC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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21, 9440..9445)
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RESULT 6 US-08-781-891-207/c

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                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 782;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 207, Application US/08781891 Patent No. 6090620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 27-DEC-1996
CLASSIFICATION: 800
ATTORNBY/AGENT INFORMATION:
NAME: NO. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 240052.419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (206) 622-4900
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                                                                                                                                               241
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                  361
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                            61
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                             1 atggataaattcctcaacacatacactctcccaagactaaaccaggaagaagttgaatct 60
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                                                                aattttagaccaatatctttgatgaacattgatgcaaaaatcctcaataaaatactggca
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Schellenberg, Gerald D.
ENTION: GENE AND GENE PRODUCTS
ENTION: WERNER'S SYNDROME
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Yu, Chang-En
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Pred. No. 1.9e-141;
0; Mismatches 339;
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LENGTH:

176373

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APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 REI
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 09404/052001
CURRENT APPLICATION NUMBER: US/09/128,155
CURRENT FILING DATE: 1998-08-03
EARLIER APPLICATION NUMBER: US 60/091,650
EARLIER FILING DATE: 1998-07-02
EARLIER APPLICATION NUMBER: US 60/054,646
EARLIER FILING DATE: 1997-08-04
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NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 17
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                                                                                                                                                                                                                                                                     Sequence 17, Application Patent No. 6117654
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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(176373)
; OTHER INFORMATION: n = A,7
US-09-128-155-17
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EARLIER APPLICATION NUMBER: US 60/091,650 EARLIER FILING DATE: 1998-07-02 EARLIER APPLICATION NUMBER: US 60/054,646 EARLIER FILING DATE: 1997-08-04 NUMBER OF SEQ ID NOS: 18

SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 16
                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                         Sequence 16, Application Patent No. 6117654
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Best Local
                                                                                                                  APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL MOLECULES OF
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 09404/052001
CURRENT APPLICATION NUMBER: US/09/128,1
CURRENT FILING DATE: 1998-08-03
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Pred. No. 1.4e-130;
0; Mismatches 64;
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; LOCATION: (1)...(15233)
; OTHER INFORMATION: n =
US-09-128-155-16
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Best Local Sim
Matches 528;
                                                                                                                                                                                                     Sequence 8, Application US/08909965C Patent No. 5936078
GENERAL INFORMATION:
                                           APPLICANT: Kuga Tetsro
APPLICANT: Nakagawa Satoshi
APPLICANT: Sakaki yoshiyuki
APPLICANT: Zhao Nanding
APPLICANT: Zhao Nanding
TITLE OF INVENTION: NOVEL DNA, NO
TITLE OF INVENTION: AND NOVEL ANT
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: FITZPATRICK, CELLA,
ADDRESSEE: FITZPATRICK, CELLA,
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STREET:
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Pred. No. 3.
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Best Local Similarity
Matches 819; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-2400
TELEFAX: 212-758-2982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Lawrence S. Perry
REGISTRATION NUMBER: 3180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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IMMEDIATE SOURCE:
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LENGTH: 1512 base pairs
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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LOCATION: 78 to 155
LOCATION: 618 to 725
LOCATION: 884 to 1018
IDENTIFICATION METHOD:
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TELEFAX: 236262
336 aaaaatcctcaataaaatactggcaaaccgaatccagcagcacatcaaaaaagcttatcca
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: JP 322745/95
APPLICATION NUMBER: PCT/JP96/03630
FILING DATE: 12-No. 5936078-1995
FILING DATE: 12-Dec-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                 61
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version
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Pred. No. 2.7e-123;
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349 177 292 232 60

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US-09-078-294-4/c

; Sequence 4, Application US/09078294
; Patent No. 6265211
; GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Cancilla, Michael R.
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOI
FILE REFERENCE: Davies Col
CURRENT APPLICATION NUMBER: US/09/078,294
; CURRENT FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.0
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; SEQ ID NO 4
; LENGTH: 80246
; TYPE: DNA
; ORGANISM: Nucleotide s
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Pred. No. 2.3e-96;
0; Mismatches 191;
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RESULT 11
US-09-078-294-3/c
; Sequence 3, Application U
; Patent No. 6265211
; GENERAL INFORMATION:

US/09078294

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; SOFTWARE: PatentIn Ver. 2.0
; SEO ID NO 3
; LENGTH: 80595
; TYPE: DNA
; ORGANISM: Nucleotide sequence of HC-contig
US-09-078-294-3
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APPLICANT: Du Sart, Desiree
APPLICANT: Du Sart, Desiree
APPLICANT: Cancilla, Michael R.
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
FILE REFERENCE: Davies Col
CURRENT FILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 29
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 catactgcccaagattatgctagatataaagggtattcaatta 1152
                                                           aaacaaatggaagaacattccatgctcatggataggaagaatcaatatcgtgaaaatggc 1109
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Pred. No. 6.7e-96;
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Best Local Similarity
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SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: POTTER, Jane E. R.
REGISTRATION NUMBER: 33,332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Smith, John M.

Reed, Steven G.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE

TREATMENT AND DIAGNOSIS OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Frudakis,
                                                           caaagacaaaaaccacatgattatctcaatagatgcagaaaaggcctttgacaaaattca 488
                                                                                                                                                                                                                                                                                   CAAAGACAAAAACCACATGATTATCTCAATAGATGCAGAAAAGGCCTTGGAC-AAATTCA 24 6
                                                                                                                                                                                      GATGCAAGGCTGGTTCAACATAAGAAAATCAATAAATGTAATCCATCACATAAACAGAAC
                                                                                                                                                                                                                                                               CCAAATCCAGCAGCACATCAAAAAAGCTTATCCACCATGATCAAGTGGGCTTCATCCCTGG 127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 461 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/991,789A FILING DATE: 11-Dec-1997 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (206)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 210121.419C3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 701 Fifth Avenue,
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Pred. No. 2.3e-72;
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Query Match
Best Local Similarity 70.4
Matches 579; Conservative

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PRIOR APPLICATION NUMBER: 09/129,758
PRIOR FILING DATE: 1998-08-05
PRIOR FILING DATE: 1998-08-05
PRIOR FILING DATE: 1998-08-05
NUMBER OF SEQ ID NOS: 22
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 3562
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Best Local Similarity
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NAME/KEY: CDS
LOCATION: (123)..(1700)
-09-360-197-1
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CURRENT FILING DATE: 1997-07-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: rattus
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Deweille, Jan R.
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PRIOR FILING DATE: 1998-08-05
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 7, Application US/09360197 Patent No. 6287859
                                                                                                                                                                                                                                                                                                   Query Match 6.0%;
Best Local Similarity 65.5%;
Matches 449; Conservative
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CURRENT APPLICATION NUMBER: US/09/360,197
CURRENT FILING DATE: 1997-07-23
PRIOR APPLICATION NUMBER: 09/129,758
PRIOR FILING DATE: 1998-08-05
PRIOR FILING DATE: 1998-08-05
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APPLICANT: Lazdunski, Michel
APPLICANT: Waldmann, Rainer
APPLICANT: Deweille, Jan R.
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TYPE: DNA
ORGANISM: rattus
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                                                                                                                     AAAATGGCCATCTTACCAAAGGCAAT
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Pred. No. 1.7e-70;
0; Mismatches 228;
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; ORGANISM: Human
US-09-221-298-34
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US-09-221-298-34
; Sequence 34, Application US/09221298
; Patent No. 6284241
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APPLICANT: XU, Jiangchun
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TITLE OF INVENTION: OF COLON CANCER
FILE REFERENCE: 210121.471
                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 308; Conserv
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CURRENT FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 112
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95.78;
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Job time: 3701 sec

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Result
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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      Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                    187.6
123.2
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109.4
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length: 2000000000
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Match
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1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/Dackfiles1.seq:*
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Gapop 10.0 , Gapext 1.0
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    DB
 US-09-221-298-41
US-09-385-982-132
US-09-385-982-123
US-09-385-982-123
US-09-385-982-123
US-09-272-032-6
US-08-700-651-2
US-08-700-651-2
US-08-928-361B-2
US-08-928-361B-2
US-08-928-361B-2
US-08-928-361B-1
US-08-928-361B-1
US-08-928-361B-1
US-08-928-361B-1
US-08-742-185-101
US-08-742-185-101
US-08-742-185-101
US-08-742-185-1
US-09-024-458-1
US-09-024-58-1
US-09-244-796-17
US-09-244-796-17
US-09-244-796-17
US-08-488-19-5
US-08-780-534A-1
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Sequence 41, Appl
Sequence 132, App
Sequence 153 App
Sequence 154, App
Sequence 6, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 2, Appli
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2570 gggttttaatctaca                   23 ggggtgcactctaca   2630 aacatgacctggtag 	FEATURE: NAME/KEY: modified LOCATION: (317) OTHER INFORMATION: FEATURE: NAME/KEY: modified LOCATION: (334) OTHER INFORMATION: FEATURE: NAME/KEY: modified LOCATION: (364) OTHER INFORMATION: FEATURE: NAME/KEY: modified LOCATION: (364) OTHER INFORMATION: -09-221-298-41 Query Match Best Local Similarity Matches 336; Conser	SULT 1 -09-221-298-41 -09-221-298-41 Sequence 41, Applica Patent No. 6284241 GENERAL INFORMATION: APPLICANT: Xu, Jian TITLE OF INVENTION: FILE REFERENCE: 210 CURRENT APPLICATION CURRENT FILING DATE NUMBER OF SEQ ID NO SOFTWARE: FastSEQ f SEQ ID NO 41 TYPE: DNA ORGANISM: Human FEATURE: NAME/KEY: modified LCCATION: (170) OTHER INFORMATION:	28 37.8 1.2 695 29 37.8 1.2 797 30 37.8 1.2 799 31 37.6 1.2 204 34 37.4 1.2 204 35 37.4 1.2 27 36 37.4 1.2 27 37 37.4 1.2 27 38 37.2 1.2 196 37.2 1.2 196 40 37.2 1.2 408 42 37.2 1.2 408 42 37.2 1.2 196 43 37.2 1.2 196 40 37.2 1.2 196 41 37.2 1.2 196 42 37.2 1.2 196 43 37.2 1.2 196 44 37.2 1.2 196 47 37.2 1.2 196 48 37.2 1.2 196 49 37.2 1.2 196 40 37.2 1.2 196 41 37.2 1.2 193 42 37.2 1.2 333
	enisa, c, gort enisa, c, gort enisa, c, gort 5.9%; Score 187.6; DB 4; 7.7%; Pred. No. 3.1e-45; 9e 0; Mismatches 38;	tion US/09221298  gchun COMPOUNDS AND METHODS FOR THERAPY OF COLON CANCER 121.471 NUMBER: US/09/221,298 : 1998-12-23 S: 112 or Windows Version 3.0  where n is a, c, g or t	1 US-08-033-081B-2 1 US-08-135-511-31 1 US-08-135-511-31 1 US-08-187-453-31 1 US-08-8-22-177A-32 1 US-08-92-177A-32 1 US-08-92-177A-32 1 US-08-92-177A-32 1 US-09-007-005-32 1 US-09-007-005-32 1 US-09-165-240-4 1 US-09-165-240-4 1 US-09-165-240-5 1 US-09-165-390-1 1 US-09-165-390-1 1 US-09-178-175-16 2 US-09-178-175-16 2 US-09-178-175-16 3 US-09-178-175-16 3 US-09-178-175-11 3 US-09-178-175-11 3 US-09-178-175-11 3 US-09-178-175-11
	Length 401;	AND DIAGNOSIS	Sequence 2, Appli Sequence 31, Appl Sequence 7, Appli Sequence 7, Appli Sequence 17, Appl Sequence 17, Appl Sequence 32, Appli Sequence 33, Appli Sequence 34, Appli Sequence 4, Appli Sequence 4, Appli Sequence 5, Appli Sequence 5, Appli Sequence 16, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli

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CURRENT FILING DATE: 1999-08-30
EARLIER APPLICATION NUMBER: 09/328,111
EARLIER FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: 60/117,393
EARLIER FILING DATE: 1999-01-27
EARLIER FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 544
NUMBER: FILING DATE: 1998-08-31
NUMBER: FILING DATE: 1998-08-31
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Best Local Similarity
Matches 437; Conserv
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LENGTH: 593
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APPLICANY: ENDEGE, WILSON O., ET A
TITLE OF INVENTION: NOVEL HUMAN GI
TITLE OF INVENTION: PRODUCTS: II
FILE REFERENCE: CCDNA-260XX
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Patent No. 626233
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NAME/KEY: misc_feature
LOCATION: (1)...(593)
OTHER INFORMATION: n = A,T,C
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NAME/KEY: misc_feature
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OTHER INFORMATION: n =
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SOFTWARE: FastSEQ for Windows Version
SEQ.ID NO 153
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APPLICANT: ENDEGE, WILSON O.,
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Patent No. 626233
                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
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EARLIER APPLICATION NUMBER: 60/098,639
EARLIER FILING DATE: 1998-08-31
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EARLIER FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: 60/117,393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: NOVEL HUMAN GENES TITLE OF INVENTION: PRODUCTS: II FILE REFERENCE: CCDNA-260XX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo
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Similarity 74.5%;
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Pred. No. 2.2e-24;
0: Mismatches 94;
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                                                                                                                                                                                                                                                                                                                                           Length 620;
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TITLE OF INVENTION: NOVEL HUMAN GENES AND GE
TITLE OF INVENTION: NOVEL HUMAN GENES AND GE
TITLE OF INVENTION: PRODUCTS: II
FILE REFERENCE: CCDNA-260XX
CURRENT APPLICATION NUMBER: US/09/385,982
CURRENT FILING DATE: 1999-08-08
EARLIER APPLICATION NUMBER: 09/328,111
EARLIER APPLICATION NUMBER: 60/117,393
EARLIER APPLICATION NUMBER: 60/117,393
EARLIER FILING DATE: 1999-01-27
EARLIER FILING DATE: 1999-01-27
EARLIER FILING DATE: 1998-08-31
NUMBER: 08-31
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                                                                                                                                                                                                                                                                  3.4%;
Hest Local Similarity 65.5%;
Matches 377; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 124, Application Patent No. 6262334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version SEQ ID NO 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (1)...(570)
OTHER INFORMATION: n = A,T,C.
-09-385-982-124
                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                              Length 570;
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CURRENT FILING DATE: 1999-03-18
EARLIER APPLICATION NUMBER: US 08/448,617
EARLIER FILING DATE: 1995-09-08
EARLIER APPLICATION NUMBER: PCT/AU94/000189
EARLIER FILING DATE: 1994-04-14
EARLIER APPLICATION NUMBER: AU PL 8297
EARLIER FILING DATE: 1993-04-14
NUMBER: OF SEQ ID NOS: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/09272032A Patent No. 6296852
                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 106; Conserv
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APPLICANT: Prideaux, Christopher T.
APPLICANT: McCoy, Richard J.
TITLE OF INVENTION: Recombinant Avian Adenovirus Vector
FILE REFERENCE: 48-95a
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6954 cccactacgac
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ilarity 55.5%;
Conservative
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                                                                                                                                                                                                                                                                                      Score 55; DB 4;
Pred. No. 1.2e-05;
0; Mismatches 85
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                                                                                                                                                                                                                                                                                                                        Length 8442;
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LENGTH: 5163.
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Best Local
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EARLIER APPLICATION NUMBER: 08/415,751
EARLIER FILING DATE: 1995-04-03
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: NELSON, RICHARD, C.
APPLICANT: GUT, JIRI
TITLE OF INVENTION: VACCINES, ANTIBODIES, PROTEINS, GLYCOPROTEINS, DNAS AND
TITLE OF INVENTION: FOR PROPHYLAXIS AND TREATMENT OF CRYPTOSPORIDIUM PARVUM
TITLE OF INVENTION: INFECTIONS
EILE REFERENCE: 480.19-4 (HV)
CURRENT APPLICATION NUMBER: US/08/700,651B
                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                                                                                                                                   TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                            COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                 CORRESPONDENCE ADDRESS
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COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                  COUNTRY: USA
ZIP: 94306-1840
                                                                                                                         CITY: Palo Alto
STATE: CA
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                                                                                                                                                               STREET:
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                                                                                                                                                             385 Sherman Avenue, Suite
                                                                                                                                                                                                                                                                                                                    Petersen,
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                                                                                                                                                             PETERS, VERNY, JONES & BIKSA
5 Sherman Avenue, Suite 6
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53.4%;
        PC-DOS/MS-DOS
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THEIR FUNCTIONAL MUTANTS, VARIANTS, ANALOGS AND FRAGMENTS
FOR TREATMENT AND DETECTION/DIAGNOSIS OF CRYPTOSPORIDIUM
SPECIES INFECTIONS
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Pred. No. 3.5e-05;
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; TOPOLOGY: lir
; MOLECULE TYPE:
US-08-928-361B-4
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                     SOFTWARE: PatentIn Ver.
SEQ ID NO 2
LENGTH: 5318
                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                        sequence 2, Application US/08700651B Patent No. 6015882
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                                                                                                                       TITLE OF INVENTION: VACCINES, ANTIBODIES, PROTEINS, GLYCOPROTEINS, DNAS AND RNAS TITLE OF INVENTION: FOR PROPHYLAXIS AND TREATMENT OF CTYPTOSPORTIGIUM PARVUM TITLE OF INVENTION: INFECTIONS
FILE REFERENCE: 480.19-4(HV)
CURRENT APPLICATION UNMBER: US/08/700,651B
CURRENT FILLING DATE: 1997-08-14
EARLIER APPLICATION NUMBER: 08/415,751
                                                                                                                                                                                                                                                                      APPLICANT: PETERSEN, CAROLYN
APPLICANT: LEECH, JAMES
APPLICANT: NELSON, RICHARD, C.
APPLICANT: GUT, JIRI
                                                                                  EARLIER FILING DATE: 1995-04-03 NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 650-324-1678
INFORMATION FOR SEQ ID NO: 4:
TYPE: DNA
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-1677
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 6
FILING DATE: 13-SEP-1996
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APPLICATION NUMBER: US,
FILING DATE: 12-SEP-19
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NAME: Verny, Hana
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
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EDNESS: double
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ORGANISM: Cryptosporidium

parvum

Local Similarity

1.7%;

Score 53; Pred. No.

DB 3; 3.6e-05;

Length 5318;

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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                  TELEFAX: 650-324-1678
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                         NAME: Verny, Hana
REGISTRATION NUMBER: 30,518
REFERENCE/DOCKET NUMBER: 480,76-1(HV)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-1677
                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026,062
FILING DATE: 13-SEP-1996
ATTORNEY/ACENT INFORMATION:
NAME: Verny, Hana
                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 12-SEP-19
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
 MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
                   TOPOLOGY:
                                  STRANDEDNESS:
                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                   linear
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35 Sherman Avenue, Suite 6
                                                                                                                                                                                                                                                                                                                           UMBER: US/08/928,361B
12-SEP-1997
DNA (genomic)
                                  double
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Pred. No.
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US-08-232-463-14/c
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                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                               FILING DATE:
APPLICATION NUMBER: EP 9:
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (703)836-9300
                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: SCHEIFLINGER, APPLICANT: FALKNER, F. G
                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       758
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STRANDEDNESS:
                                                                                                            TELEFAX:
                                                                                                                                                              REFERENCE/DOCKET NUMBER:
                                                                                                                                                                               NAME: BENT, Stephen A. REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                   LENGTH:
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              nucleic acid
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                                 7218 base pairs
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                                                                                                          (703)683-4109
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US-08-232-463-14
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/08928361B Patent No. 6071518
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Petersen,
TITLE OF INVENTION: F
TITLE OF INVENTION: T
TITLE OF INVENTION: E
TITLE OF INVENTION: S
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-1677
                                                                                                                                                                                         CURRENT APPLICATION DATA: APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1310
                                                                         ATTORNEY/AGENT INFORMATION: NAME: Verny, Hana
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                                                                                                                                        PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                       CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0,
                                          REFERENCE/DOCKET NUMBER:
                                                      NAME: Verny, Hana
REGISTRATION NUMBER:
                                                                                                         APPLICATION NUMBER: US 60/026,062 FILING DATE: 13-SEP-1996
                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                           COUNTRY:
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385 Sherman Avenue, Suite 6
                                                                                                                                                                                                                                                                                                                           USA
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THEIR FUNCTIONAL MUTANTS, VARIANTS, ANALOGS AND FRAGMENTS
FOR TREATMENT AND DETECTION/DIAGNOSIS OF CRYPTOSPORIDIUM
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4.1%; Pred. No. 0.00013;
ive 219; Mismatches 16
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                                                      30,518
                                          480.76-1(HV)
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                                                                                                                                                                                                                          Version
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RESULT 12
US-08-928-361B-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/08928361B Patent No. 6071518
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.6%;
Best Local Similarity 51.9%;
Matches 138; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
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                  TELECOMMUNICATION INFORMATION:
                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 3
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                                                                                                                                                                                                                      IBM PC compatible OPERATING SYSTEM: PC-DOS /wr SOFTWARE: Patonit
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                                                                                                   APPLICATION NUMBER: US of STITING DATE: 13-SEP-1996
                                                                                                                                                            FILING DATE: 1
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                           ZIP:
                                                                                                                                                                                                                                                                                                                                                                     STREET: 385 SHEET
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TYPE: nucleic acid
STRANDEDNESS: double
                                    REGISTRATION NUMBER: 30, REFERENCE/DOCKET NUMBER:
TELEPHONE:
                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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                                                                      Verny, Hana
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                                                                                                                                                                                                                                                                                                                                                                                               385 Sherman Avenue,
                                                                                                                                                                                                                                                                                                                                             USA
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   650-324-1677
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PEPTIDES, POLYPEPTIDES, GLYCOPROTEINS,
THEIR FUNCTIONAL MUTANTS, VARIANTS, ANALOGS AND FRAGMENTS
FOR TREATMENT AND DETECTION/DIAGNOSIS OF CRYPTOSPORIDIUM
                                                                                                                                                                                                                                                       PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SPECIES INFECTIONS
                                                                                                                           US 60/026,062
                                                                                                                                                                                               US/08/928,361B
                                                   30,518
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 Mismatches

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                                      .76-1(HV)
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                                                                                                                                                                                                                                    Version #1.30
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Best Local
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NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
                                                                               FILING DATE: 26-AUG-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                             SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2664
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                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     NITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              458
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             398
                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 22313-0299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: doub
                                                                                                               APPLICATION NUMBER:
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                                                                                                                                 FILING DATE:
                                                                                                                                                                              CLASSIFICATION: 435
                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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51.9%;
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                                                                                                               EP 91 114 300.6
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                                                                                                                                                                                                                                                                                                                                                                                        Suite
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Best Local
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APPLICANT: Willian
APPLICANT: Kaslow
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                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTER: DOS_MS-DOS
SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/323,170
                                                                                                                                                                                                                                              APPLICANT: Kaslow, David C.
TITLE OF INVENTION: Cloning and Expression of Plasmodium
TITLE OF INVENTION: faliciparum Transmission-Blocking Target Antigen, Pfs230
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ADDRESSEE: Townsend and Townsend and Crew
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                                                                                                                                COUNTRY:
                                                                                                                                                                    CITY:
                                                                                                                  ZIP:
                                                                                                                                                 STATE:
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                                                                                                                                                                San Francisco
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DEDNESS: single
                                                                                                                                               California
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                                                                                                                                   USA
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 US/08/323,170B
                                                                                                                                                                                                                                                                                               Kim C.
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                                                                                                                                                                                Center, 8th Floor
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Pred. No. 0.00032;
                                  Version
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US-08-742-185-101/c
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Best Local Similarity 51.0%;
Matches 101; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742.185
                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                APPLICANT: Hawkins, Trevor
APPLICANT: Reeve, Mary Pat
TITLE OF INVENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 102
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1522 ACCAAATGGATATATTTCACCTTGCCTTTCTTTTTCATCTACATATTCACCTTCTTCTTC 1463
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LOCATION:
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FILING DATE:
                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                         STREET: Two Mil:
CITY: Lexington
                                                                                                                                                                                                                           ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive
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TOPOLOGY: linear
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 0: FILING DATE: 29-JAN-1993
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CLASSIFICATION:
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                                                                                                                                                                                       Massachusetts
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Hawkins,Trevor
Reeve, Mary Pat
                                                                                                                                                                                                                                                                                                                                                                                Reijo, Renee
                                                                                                                                                                                                                                                                                                                                                                                                  Page, David C.
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149..9556
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MBER: US/08/742,185
30-OCT-1996
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ER: 015280-113100US
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Pred. No. 0.049;
0; Mismatches 97;
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QΥ
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; MOLECULE TYPE:
US-08-742-185-101
Search completed: March 18, Job time: 3815 sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 101:
SEQUENCE CHARACTERISTICS:
LENGTH: 43795 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                             19577 TACTACTACAATGGGACCCACATTGCC 19551
                                                                                                                                                          19637 TACTACTACAGCTACAACTACTACTACTACTACTACTACTACTACTACCTACCACTAC 19578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/310,429 FILING DATE: 22-SEP-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                       467
                                                                                                                                                                                           407
                                                                                                                                                                                                                                                347 ccctgaaactgctagcaccacagcaaatacaccttctttcccaacagctacttcacctgc 406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 0 FILING DATE: 31-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                             tcccccataattagtacacatagttcctccacaattcctacacctgctccccccataat 466
                                                                                                                   tagtacacatagttcctccacaattcc 493
                                                                                                                                                                                                                                                                                                  81; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                        DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                          single
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              2002, 21:17:43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WHI94-07A2
                                                                                                                                                                                                                                                                                              Score 41.4; DB Pred. No. 0.31; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                 DB 3;
                                                                                                                                                                                                                                                                                                                                 Length 43795;
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Gaps